

WHAT IS CLAIMED IS:

1. A method for securing a communication session over a packet data network, said method comprising:

receiving a signal including a port number
5 associated with a first terminal;

receiving data packets from a second terminal for transmission to the first terminal; and

transmitting the data packets to the first terminal,
wherein the data packets identify the port number
10 associated with the first terminal.

2. The method of claim 1, wherein receiving the signal including a port associated with the first mobile station further comprises:

15 receiving communication setup signals including the port number associated with the first terminal.

3. The method of claim 2, wherein receiving the call setup signals further comprises:

20 receiving a Session Initiation Protocol Invite signal.

4. The method of claim 1, further comprising:
determining the port number identified by the data
packets.

5 5. The method of claim 4, wherein determining the port
number identified by the data packets further comprises:

examining a layer of a protocol stack associated
with the data packets.

10 6. The method of claim 1, further comprising:
discarding the data packets, wherein the data
packets do not identify the port associated with the first
terminal.

15 7. The method of claim 1, further comprising:
receiving a termination signal for the communication
session;

receiving data packets identifying the port number
associated with the first terminal after receiving the
20 termination signal; and

discarding data packets received after receiving the
termination signal.

5

9. The method of claim 1, wherein the first terminal comprises a mobile station.

10. A firewall for securing a data session, said wireless content switch comprising:

a plurality of input/output ports for:

receiving signals including port numbers
5 associated with a first plurality of terminals;

receiving data packets from a second plurality
of terminals for transmission to the first plurality of
terminals; and

transmitting the data packets to the first
10 plurality of terminals, wherein the data packets identify
the port numbers associated with the first plurality of
terminals;

a memory for storing a plurality of records, each of
said records associated with a particular one of the first
15 plurality of terminals, wherein each record comprises:

a first terminal identifier for identifying the
particular one of the first plurality of terminals
associated with the record; and

a first port number identifier for identifying
20 the port associated with the terminal associated with the
record.

11. The firewall of claim 9, further comprising:

a processor for executing a plurality of instructions; and

wherein the memory stores the plurality of executable instructions, said plurality of executable instructions comprising:

comparing the port numbers identified in the data packets for the first plurality of terminals with the port numbers identified by the first port number identifiers of records associated with the first plurality of terminals.

12. The firewall of claim 11, wherein the instructions for comparing further comprise instructions for examining a layer of a protocol stack.

13. A computer readable medium for storing a plurality of executable instructions, said plurality of instructions comprising:

storing a port number associated with a first terminal, responsive to receiving a first signal for establishing a data transfer session between the first terminal and a second terminal;

comparing a port number identified in data packets for the first terminal, responsive to receiving the data packets; and

transmitting the data packets to the first terminal, wherein the data packets identify the stored port number.

14. The computer readable medium of claim 13, wherein the plurality of instructions further comprise:

storing an address associated with a second terminal, responsive to receiving a second signal for establishing the data transfer session.

15. The computer readable medium of claim 14, wherein the plurality of instructions further comprise:

comparing an address identified in the data packets with the address associated with the second terminal.

16. The computer readable medium of claim 13, wherein
the first terminal comprises a mobile station.

2025-06-27 10:24:00